The Grayson County Flag shall be rectangular in shape, with the width being equal to two-thirds of the length. The rectangle shall be divided into two congruent (equal size) trapezoids.

One trapezoid shall be azure blue and the other shall be blood red.

The perpendicular side of the azure blue trapezoid shall be next to the heading of the flag, and the perpendicular side of the blood red trapezoid shall be on the opposite end from the heading.

The lengths of the parallel sides of the trapezoids shall be in a ratio of 2 to 1, with the top side of the azure blue trapezoid being the longer side and the top side of the blood red trapezoid shall be the shorter side.

The center of the star of the Seal of Grayson County shall be placed at the point of intersection of the diagonals of the rectangles, which coincides with the midpoint of the diagonal formed by the joining of the congruent trapezoids.

The left side of the seal or the side with the oak cluster shall be placed over the azure blue trapezoid, which makes up the left side of the flag, and the right side of the seal, or the side with the olive branch over the blood red trapezoid which makes up the right side of the flag.

The two trapezoids, one azure blue and one blood red, form a rectangle, when joined on the diagonal sides of the trapezoids, with the seal of Grayson County in the center of the rectangle.

The outer diameter of the seal shall be 3/4 of the width of the flag.

The seal of Grayson County is described as having a center plus two concentric rings. The inner circle is circumscribed by a yellow/gold ring with two solid black lines at the common edge with the center circle, and an outer ring being a circular loop of yellow/gold dots on a black background.

A five-point star is at the center of the white inner circle, with one of the five star-points pointing to the top center of the flag. This star has a raised appearance, with each of the five points having one-half of its area shaded in black and the other half shaded in yellow/gold; with the black shading on the clockwise side of each star point and yellow/gold shading on the counter-clockwise side of each star point.

The star is encircled by live oak and olive branches which are outlined in black and shaded in yellow/gold. The live oak branch is next to the flag's heading side—the side with the azure blue trapezoid, and curves around the heading side of the flag's circle to a central point at the bottom of the circle's center. In like manner, the olive branch is next to the blood red side of the trapezoid that makes up the side opposite to the heading of the flag. The olive branch curves around the non-heading side of the flag's circle to a central point at the bottom of the circle's center where it crosses the live oak branch.

The second band circumscribes the flag's center circle, it is yellow/gold in color, and it totally encircles the star and branches. The inner area of this ring has two thin parallel black lines that circle the center. Circumscribed and imprinted in black font letters on the yellow/gold band is the following text. First, the words "GRAYSON COUNTY, TEXAS" which curves upward from the azure blue side of the flag, over the top of the band, and down the blood red side of the flag. Second and also circumscribed within this same ring are the symbols "* Est. 1846 *" curving downward from the azure blue side of the flag, around the bottom of the band, and up the blood red side of the flag. Together these symbols completely circumscribe the center circle containing the star and the live oak/olive branches.

The outer ring is a circular loop of yellow/gold dots on a black background that circumscribes the yellow/gold band that contains the text and date.

All the above component parts when properly assembled become the flag of Grayson County.